

all-consider

28-09-06

(FILE 'HOME' ENTERED AT 00:40:16 ON 25 SEP 2000)

FILE 'REGISTRY' ENTERED AT 00:40:21 ON 25 SEP 2000

L1 STRUCTURE UPLOADED
L2 1 S L1 FULL
L3 STRUCTURE UPLOADED
L4 0 S L3 FULL
L5 STRUCTURE UPLOADED
L6 0 S L5 FULL
L7 STRUCTURE UPLOADED
L8 4 S L7 FULL

FILE 'USPATFULL' ENTERED AT 00:47:40 ON 25 SEP 2000

L9 STRUCTURE UPLOADED
L10 7 S L9 FULL

FILE 'CAPLUS' ENTERED AT 00:57:16 ON 25 SEP 2000
S 176100-72-4/REG#

L11 1 S 176100-72-4/RN

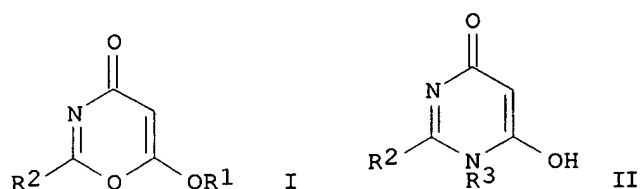
L12 1 S L11

L13 1 S 145591-95-3/RN OR 145591-94-2/RN

=> d 113 pn

L13 ANSWER 1 OF 1 USPATFULL
PI US 5123951 19920623

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS
 AN 1996:162168 CAPLUS
 DN 124:317087
 TI Reaction of 2-substituted 6-alkoxy-4H-1,3-oxazin-4-ones with some electrophilic and nucleophilic agents
 AU Prep'yalov, A. V.; Yakovlev, I. P.; Ivin, B. A.
 CS St. Petersburg. Khim.-Farm.-Inst., Russia
 SO Zh. Org. Khim. (1995), 31(8), 1237-40
 CODEN: ZORKAE; ISSN: 0514-7492
 DT Journal
 LA Russian
 CC 28-13 (Heterocyclic Compounds (More Than One Hetero Atom))
 GI



AB Reactions of oxazinones I [R1 = Me, Et, Bu; R2 = Cl3C, (un)substituted phenyl] with HNO3-Ac2O, Br2, NH3, and amines were studied. Nitration and bromination occurred at position 5. The reactions with NH3 and amines gave hydroxypyrimidinones II [R2 = Cl3C, (un)substituted phenyl; R3 = H, Me].
 ST oxazinone reaction electrophiles nucleophiles; bromination oxazinone derivs; nitration oxazinone derivs; ammonia recyclization oxazinone derivs; amine recyclization oxazinone derivs; pyrimidinone hydroxy derivs prepn
 IT Bromination
 Nitration
 (of oxazinones)
 IT Ring closure and formation
 (recyclization, of oxazinones with ammonia and amines)
 IT 176100-71-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and hydrolysis of)
 IT 13566-71-7P 15726-40-6P 16097-57-7P **176100-72-4P**
 176100-73-5P 176100-74-6P 176100-75-7P 176100-76-8P 176100-77-9P
 176100-78-0P 176100-79-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 IT 29669-12-3 29669-13-4 152574-47-5 152574-48-6 152574-50-0
 152574-51-1 152574-57-7 176100-65-5 176100-66-6 176100-67-7
 176100-68-8 176100-69-9 176100-70-2
 RL: RCT (Reactant)
 (reaction of oxazinones with electrophilic and nucleophilic agents)
 IT 74-89-5, Methanamine, reactions 7664-41-7, Ammonia, reactions
 RL: RCT (Reactant)
 (reaction with oxazinones)

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FILE 'REGISTRY' ENTERED AT 00:40:21 ON 25 SEP 2000

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L6 0 S L5 FULL
L7 STRUCTURE UPLOADED
L8 4 S L7 FULL

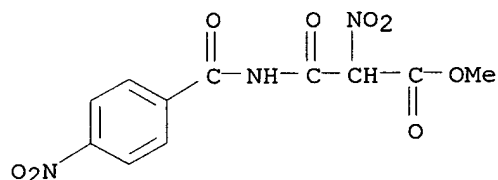
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FILE 'REGISTRY' ENTERED AT 00:48:31 ON 25 SEP 2000

L9 STRUCTURE UPLOADED
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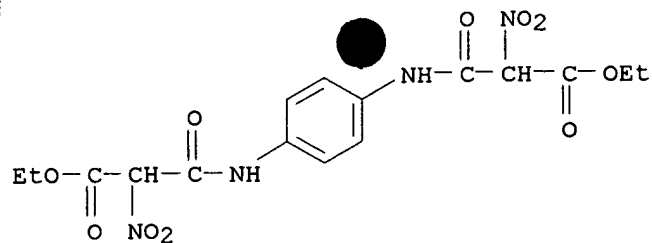
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✓ L10 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2000 ACS
RN 176100-72-4 REGISTRY
CN Propanoic acid, 2-nitro-3-[(4-nitrobenzoyl)amino]-3-oxo-, methyl ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H9 N3 O8
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

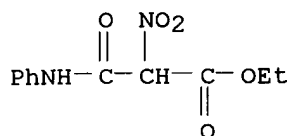
L10 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2000 ACS
RN 162089-97-6 REGISTRY
CN Propanoic acid, 3,3'-(1,4-phenylenediimino)bis[2-nitro-3-oxo-, diethyl
ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H18 N4 O10
SR CA
LC STN Files: CA, CAPLUS, CASREACT



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

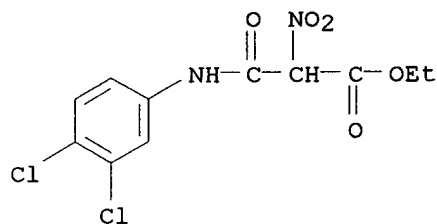
✓ L10 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2000 ACS
 RN 162089-95-4 REGISTRY
 CN Propanoic acid, 2-nitro-3-oxo-3-(phenylamino)-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C11 H12 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

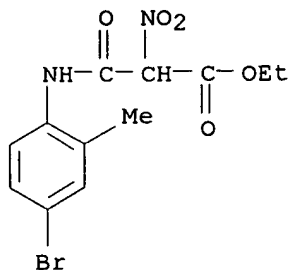
L10 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2000 ACS
 RN 145591-95-3 REGISTRY
 CN Propanoic acid, 3-[(3,4-dichlorophenyl)amino]-2-nitro-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C11 H10 Cl2 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)

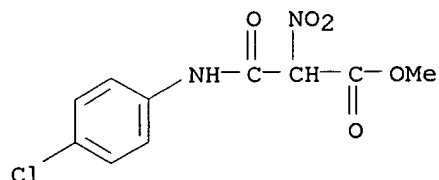
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L10 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2000 ACS
 RN 145591-94-2 REGISTRY
 CN Propanoic acid, 3-[(4-bromo-2-methylphenyl)amino]-2-nitro-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C12 H13 Br N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



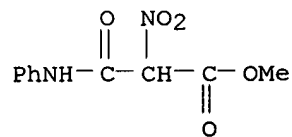
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

✓ L10 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2000 ACS
RN 107402-61-9 REGISTRY
CN Propanoic acid, 3-[(4-chlorophenyl)amino]-2-nitro-3-oxo-, methyl ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C10 H9 Cl N2 O5
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



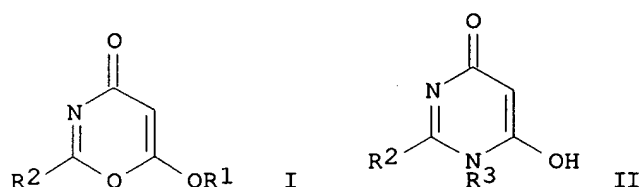
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

✓ L10 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2000 ACS
RN 107402-60-8 REGISTRY
CN Propanoic acid, 2-nitro-3-oxo-3-(phenylamino)-, methyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C10 H10 N2 O5
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



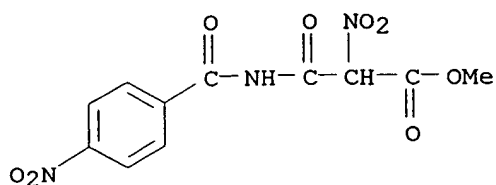
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 176100-68-8 176100-69-9 176100-70-2
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 RL: RCT (Reactant)
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